IN THE CLAIMS

Please amend the claims as follows:

Claims 1-80 (Cancelled).

Claim 81 (Original): A method of detecting two or more antigens in a sample, comprising

contacting a sample, which has been previously contacted with a primary antibody cocktail comprising at least one first primary antibody and at least one second primary antibody, with a composition comprising at least one first secondary antibody and at least one second secondary antibody, wherein the at least one first secondary antibody is coupled to a poly (alkaline phosphatase) moiety and the at least one second secondary antibody is coupled to a poly (horseradish peroxidase) moiety, and wherein the composition comprises a buffer suitable to stabilize the first and second secondary antibodies; and

detecting the formation of at least two antigen-antibody complexes on the sample.

Claim 82 (Original): The method of Claim 81, which is performed on an automated staining device.

Claim 83 (Original): The method of Claim 81, wherein at least three antigens are detected in the sample and the method further comprises contacting the sample, after detecting the formation of the at least two antigen-antibody complexes on the sample, with at least a third primary antibody; and detecting the formation of at least a third antibody-antigen complex on the sample.

Claim 84 (Original): The method of Claim 83, which is performed on an automated staining device.

Claim 85 (Original): The method of Claim 81, which comprises detecting at least four antigens in a sample and wherein the method comprises contacting the sample, after detecting the formation of the antigen-antibody complexes, with at least a third and a fourth primary antibody; and detecting the formation of at least third and fourth antibody-antigen complexes on the sample.

Claim 86 (Original): The method of Claim 85, which is performed on an automated staining device.

Claim 87 (Original): A method of detecting two or more antigens in a sample, comprising

contacting a sample with a primary antibody cocktail comprising at least one first primary antibody and at least one second primary antibody, and subsequently

contacting the sample with a composition comprising at least one first secondary antibody and at least one second secondary antibody, wherein the at least one first secondary antibody is coupled to a poly (alkaline phosphatase) moiety and the at least one second secondary antibody is coupled to a poly (horseradish peroxidase) moiety, and wherein the composition comprises a buffer suitable to stabilize the first and second secondary antibodies; and

detecting the formation of at least two antigen-antibody complexes on the sample.

Claim 88 (Original): The method of Claim 87, which is performed on an automated staining device.

Claim 89 (Original): The method of Claim 87, wherein at least three antigens are detected in the sample and the method further comprises contacting the sample, after detecting the formation of the at least two antigen-antibody complexes on the sample, with at least a third primary antibody; and detecting the formation of at least a third antibody-antigen complex on the sample.

Claim 90 (Original): The method of Claim 89, which is performed on an automated staining device.

Claim 91 (Original): The method of Claim 87, which comprises detecting at least four antigens in a sample and wherein the method comprises contacting the sample, after detecting the formation of the antigen-antibody complexes, with at least a third and a fourth primary antibody; and detecting the formation of at least third and fourth antibody-antigen complexes on the sample.

Claim 92 (Original): The method of Claim 91, which is performed on an automated staining device.

Claim 93 (Currently Amended): The method of Claim 81, wherein the at least one first and second antibodies specifically bind to two antigens selected from the group consisting of:

CD3 and Caspase-3;

CD20 and CD3;

CD31 and Ki-67;

CD34 and Factor XIII subunit a;

CDX2 and CK7;

Ki-67 and Caspase-3;

M30 and Ki-67;

LCA and S-100;

CD20 and Ki-67;

Tyrosinase and S100;

Tyrosinase and MART-1;

Tyrosinase and A103;

P63 and CK5;

P63 and P504S;

~~P63 and P504S;~~

CK5/6 and Calretinin;

Estrogen receptor and Ki-67;

CK5 and CK17;

CD10 and Prostate specific antigen;

CD10 and Hepatic specific antigen;

Chromogranin A and Synaptophysin;

HMW CK and LMW CK;

CD20 and Caspase-3;

CD3 and Ki-67;

PAX-5 and CD5;

CD4 and CD8;

Kappa light chain and lambda light chain.

Claim 94 (Previously Presented): The method of Claim 93, which comprises detecting at least three antigens in a sample and wherein the method comprises contacting the sample, after detecting the formation of the antigen-antibody complex, with at least a third primary antibody; and detecting the formation of at least third antibody-antigen complex on the sample.

Claim 95 (Previously Presented): The method of Claim 94, which is performed on an automated staining device.

Claim 96 (Previously Presented): The method of Claim 93, which comprises detecting at least four antigens in a sample and wherein the method comprises contacting the sample, after detecting the formation of the antigen-antibody complexes, with at least a third and a fourth primary antibody; and detecting the formation of at least third and fourth antibody-antigen complexes on the sample.

Claim 97 (Previously Presented): The method of Claim 96, wherein one of the third or fourth primary antibodies is a rabbit antibody.

Claim 98 (Previously Presented): The method of Claim 96, wherein one of the third or fourth primary antibodies is a rabbit monoclonal antibody.

Claim 99 (Previously Presented): The method of Claim 96, which is performed on an automated staining device.

Claim 100 (Previously Presented): The method of Claim 93, wherein one of the first or second primary antibodies is a rabbit antibody.

Claim 101 (Previously Presented): The method of Claim 100, wherein one of the first or second primary antibodies is a rabbit monoclonal antibody.

Claim 102 (Previously Presented): The method of Claim 93, which is performed on an automated staining device.

Claim 103 (New): The method of Claim 93, comprising P63 and P504S and further comprising HMWCK.

SUPPORT FOR THE AMENDMENT

Claim 93 has been amended to eliminate the double inclusion of P63 and P504S.

New Claim 103 has been added to read on the elected species of P63+P504S and

further comprising HMWCK. Support for this claim is found in Example 1.